

# Rust Protection 2000 PLUS



## special corrosion and weathering resistant surface coating

Rust Protection 2000 PLUS is a particularly corrosion and weather resistant surface coating on the basis of ferric oxide (hematite). The usage of highly-pure ferric oxide pigments in a flaky arrangement achieves permanent, weather-resistant and water-repellent surface protection.

Metal parts coated with Rust Protection 2000 PLUS did not show any corrosion after more than 2000\* hours in a salt spray test.

WEICON Rust Protection 2000 PLUS can be used on halls and steel structures, iron railing, lattice towers, fences, handrails, balcony grates, rolling gates, outdoor lights, and on points particularly susceptible to corrosion.

> 2000 hours  
salt-spray-test  
High Quality

## Technical Data

Colour	charcoal-grey / DB 703, silver-grey / DB 701
Application	indoors and outdoors
Binding agent	acrylic resin
Pigment	lamellar hematite
Pigment purity	> 90% ferric oxide
Percentage of metal in dry film	58 %
Specific weight	1,3 - 1,4 g/cm <sup>3</sup>
Recommended primer	not necessary
Processing temperature	+5 to +35, optimal +18 to +35 °C
Consumption at 1.5 cross coats	160 ml/m <sup>2</sup>
Layer thickness at 1.5 cross coats	60 -80 µm
Dust dry after	30 min.
Hardened after	24 h
Overpaintable after	24 h

### Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

Abrasion-resistant yes/no	abrasion-resistant
Cross cutting DIN 53151/ ISO 2409	cross cut characteristic value GT 0 to GT 1
Salt spraying test DIN 50021/ DIN 53167	>2.000* h
Mandrel bend test DIN EN ISO 1519	no hair cracking
Top coating	not required
Storage stability	24 months
Temperature resistance	-50 to +300 °C
ISSA-Code	53.402.40/41

\* applied in two cross-coated layers onto an undamaged zinc undercoat

## Surface pre-treatment

Clean and degrease surfaces with WEICON Surface Cleaner.

## Processing

Shake can before use. At room temperature (approx. +20°C), spray on two crosscoated layers of Rust Protection 2000 PLUS keeping a distance of 25 cm. > 2000 hours at Salt Spray Test = > 20 years natural weathering (C5-I corrodibility class ISO 12 944, part 2). Consumption at 1 ½ cross -coated layers 160 ml/m<sup>2</sup>.

## Storage

Pressurized container: protect from sunlight and do not expose to temperatures exceeding +50°C.

## Safety and health

When using WEICON products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets ([www.weicon.com](http://www.weicon.com)) must be observed.

## Available sizes:

11012400	Rust Protection 2000 PLUS 400 ml charcoal-grey
11013400	Rust Protection 2000 PLUS 400 ml silver-grey

WEICON GmbH & Co. KG  
(Headquarters)  
Germany  
phone +49 (0) 251 9322 0  
info@weicon.de

WEICON Middle East L.L.C.  
United Arab Emirates  
phone +971 4 880 25 05  
info@weicon.ae

WEICON Inc.  
Canada  
phone +1 877 620 8889  
info@weicon.ca  
www.weicon.ca

WEICON Kimya Sanayi Tic. Ltd. Şti.  
Turkey  
phone +90 (0) 212 465 33 65  
info@weicon.com.tr  
www.weicon.com.tr

WEICON Romania SRL  
Romania  
phone +40 (0) 3 65 730 763  
office@weicon.com

WEICON SA (Pty) Ltd  
South Africa  
phone +27 (0) 21 709 0088  
info@weicon.co.za

WEICON South East Asia Pte Ltd  
Singapore  
phone (+65) 6710 7671  
info@weicon.com.sg

WEICON Czech Republic s.r.o.  
Czech Republic  
phone +42 (0) 417 533 013  
info@weiconcz.cz

WEICON Ibérica S.L.  
Spain  
phone +34 (0) 914 7997 34  
info@weicon.es